

Title (en)

COOLING PASSAGES FOR GAS TURBINE ENGINE COMPONENT

Title (de)

KÜHLKANÄLE FÜR GASTURBINENMOTORKOMPONENTE

Title (fr)

PASSAGES DE REFROIDISSEMENT POUR COMPOSANT DE MOTEUR À TURBINE À GAZ

Publication

EP 3159492 A1 20170426 (EN)

Application

EP 16191964 A 20160930

Priority

US 201514870175 A 20150930

Abstract (en)

A gas turbine engine component includes a wall portion that includes a first side (76) and a second opposite side (78). A plurality of passages (82) extends between the first side (76) of the wall portion and the second side (78) of the wall portion and includes a plurality of inlets (86) located on the first side (76) of the wall portion. A plurality of outlets (88) are located on a second side (78) of the wall portion. The plurality of outlets (88) include a first plurality of outlets (88) located on a first side of the plurality of inlets (86) and a second plurality of outlets (88) located on a second side of the plurality of inlets (86).

IPC 8 full level

F01D 11/08 (2006.01)

CPC (source: EP US)

F01D 5/186 (2013.01 - US); **F01D 9/02** (2013.01 - US); **F01D 11/08** (2013.01 - EP US); **F01D 25/12** (2013.01 - US); **F23R 3/002** (2013.01 - US); **F02C 3/04** (2013.01 - US); **F05D 2220/32** (2013.01 - US); **F05D 2240/11** (2013.01 - EP US); **F05D 2260/202** (2013.01 - EP US)

Citation (search report)

- [X] WO 9412775 A1 19940609 - UNITED TECHNOLOGIES CORP [US]
- [X] US 2013205793 A1 20130815 - XU JINQUAN [US]
- [X] EP 1762705 A1 20070314 - GEN ELECTRONIC CO [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3159492 A1 20170426; **EP 3159492 B1 20200311**; US 10526897 B2 20200107; US 2017089204 A1 20170330

DOCDB simple family (application)

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